Fig.1

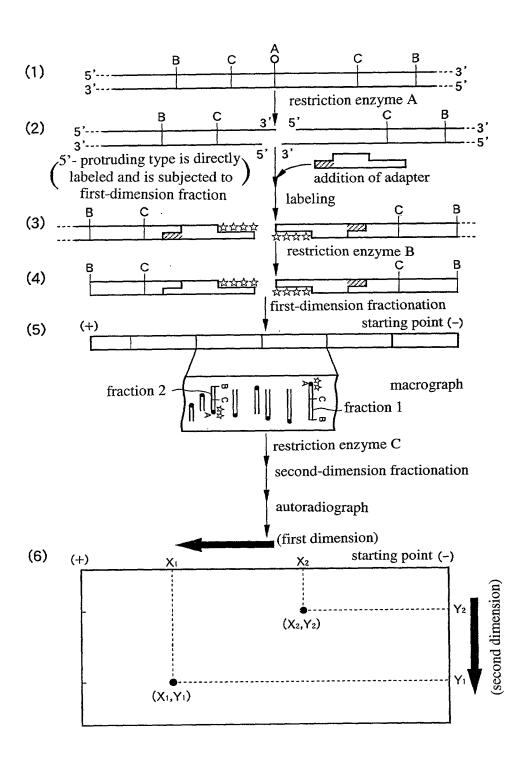


Fig.2

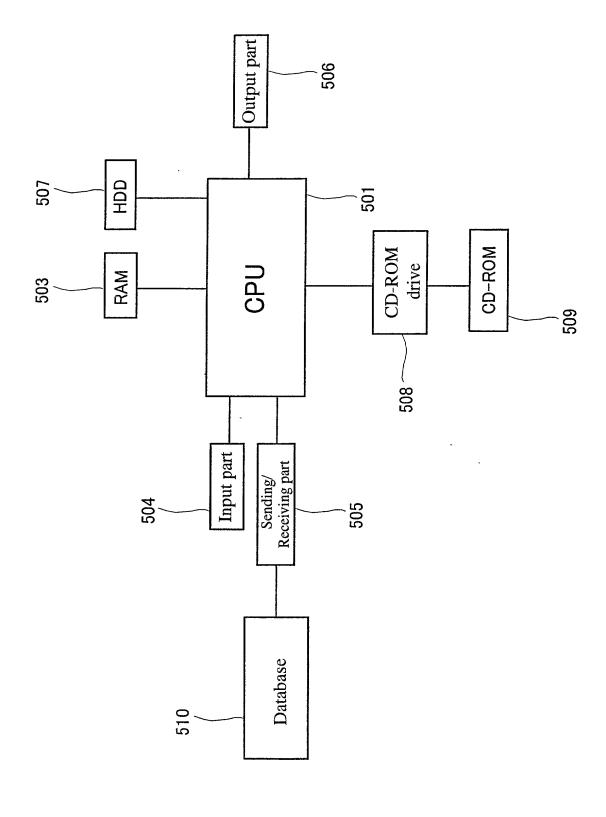
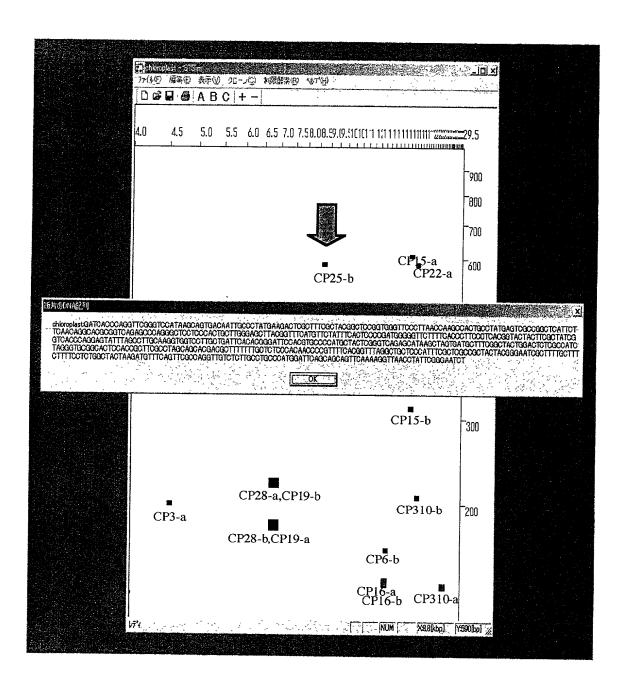


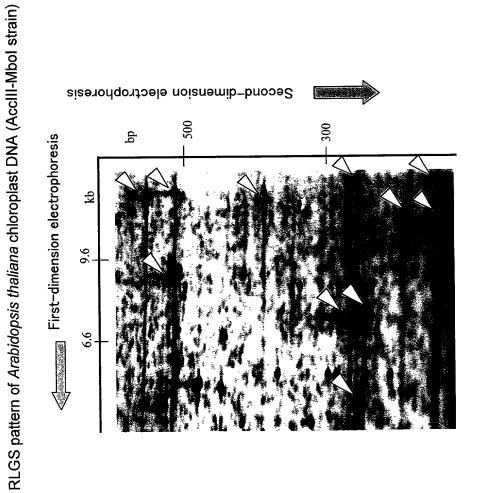
Fig.3

Fig.4

Fig.5



F1g.6



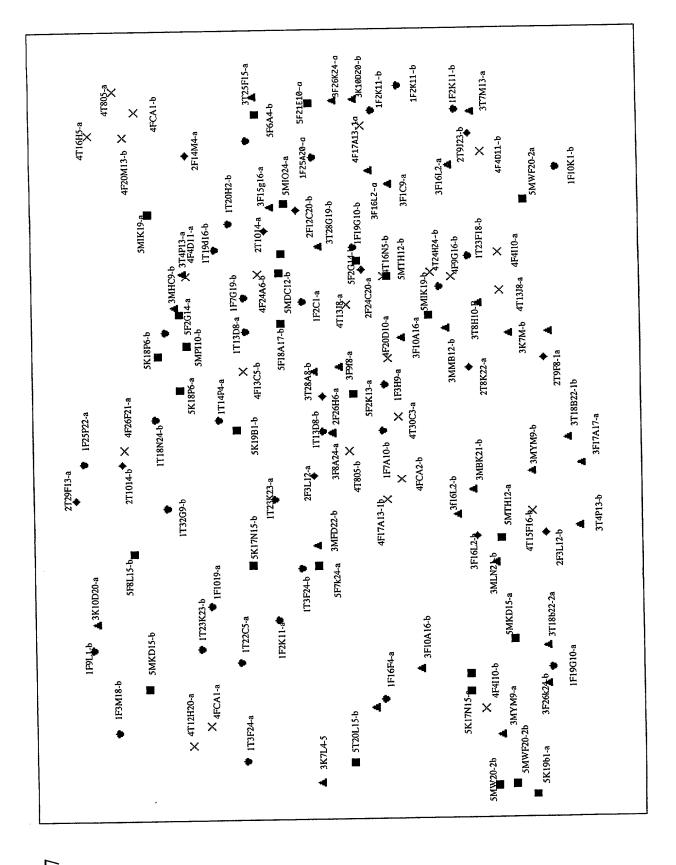
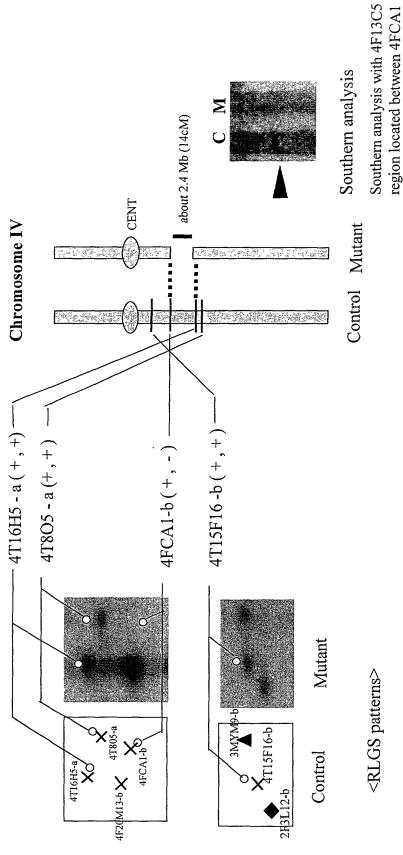


Fig.7

Fig.8

Analysis of mutant induced by X-ray



According to this analysis, it becomes clear that a mutant does not have this region.

and 4T16H5-a

8/9

gattaaaact cregtatagg griticragt agactagcag tactgriptt agattecta tgctcttata atcetteaag tactcattgt taaaggigga acttatacet tetatetata atagtgatga grgatgacga teaaacattt catctectet etetetettt tagtgeggat tatatatata tacaaacatt tgcattaata atctcattte tetgittaig ttecgitgic aatggataat etittities tecagtaag aatctatie tatgittaig ttecgitgic agettgatet tittataaga ggytgittat acaacaatat eggagetea aattegaar cctctcattc tctctagtct tctaaacatg tatttaaact atttcgagac gtacacaact tgtataaatc ttagttttga tgtgtagtgg gaattggcta aggaatgtag catagaacct aagaatttct tgatgggacc aagtgatgag ngtatttt ttacaatttc rctactta tgcgatttct tatgttagtt agattatcca aatagatcta aaattaatgt tttatatac caaaacactt ttcttttgct .8501 tgtccatttg aattatggaa gtaaaatcgt atccacactt accattatca agctagcgac 26461 ttcacgagct tcctttggct gacaaccgtg ccaatcggag ccgagtccga atgtgtcagg 26521 taaaatcaaa tccgaaacat tgaatggttt ttaatacaaa aagaaaaaaa aatgtgatga aacggtcaag tacacaactg atctattata caatcattta atatactcca gggatgtctt tgtcctagaa 27841 tagataaatc attatctcct attatagtag tacaaactac aatataactt agctagtggc cattcaccga ttcaagggat acaagtagga aagatttact tctaaaattt aagtttattc aaccatattt ttttgttata catcaaaata gaacagttaa agaatccgtt aggtgacttg gttgtggaat cttaatacat tttccttatc ttcacaattt ttctagaaac gtatccccaa aatcttttgg ccacatttaa ttgatattca tagttaagtg ggtatccata ggacatccat tggccaatat ggactcatgg agtctggtct attgaacaca aaatttaatt ttataatctt ctatttgcgc 27781 appatantgt appttacgta capacaact appatagea cacaactatt ttagaaatga agctccaaaa ttaaatgttt atgtaaaatg ctctatattc tgcaattctt gcactaaatg cccaattctt ctattaacac acatgatttc atataaaaat atatgaatga tttacgctaa atacaagaaa aataacoot catagtggat gtgtgctaat aacgttcgca gactccgtgg tggccaaagc cattattatg tgaactatat gaaagctatc catgaactgt ttcttgacat taccttccca agaaaaagac aaaaaaaat ccatgatgaa acgtaacata aataatccgg aaagttgaat tccatgtcat aaccattcaa tcaatattaa taatgattaa taaactatte a tatgtacate construction against a construction against the constitution of the const ctcaacgcgt gtcttattgt ggaaactatg tggtatagt 28621 agtttgttta ccccaaaaa 28441 tcgtaagttt 28561 ctatttttct taaacagccg tat acat 26941 aatggataat 27061 atacaagaag 27121 atccataaca taatcaataa 27241 atttcaaaga 27301 ttcacgaagt cattgactga tcatataagt aggtccccat tcattgagca tattacaatt 28681 26881 27001 27181 27541 27601 27661 27721 27901 28141 26701 26761 26821 28021 28201 28261 28381 27361 27421 27481 26641

27301 ttcacgaagt cacccgca
27361 aacaacgagt cttataagtc
27421 rtggtaatat atcaactctc
27481 tedataacat ctcaacgcgt
27541 cattgactga ttcacaattt

Example of detection for undetermined elements

by presorting system

"r" was detected at position 27.421 of Accession No.U95973, a T19D16 clone on the first chromosome.